received in the Central Water Commission for techno-economic appraisal. Out of these, Punpun Barrage and Tilaiya Dhadar have been accepted by the Advisory Committee of Ministry of Water Resources subject to certain conditions which are yet to be complied with by the State Government. The Kadwan Reservoir and Upper Mahananda projects are under correspondence with the State Government. The clearance of these projects is linked to prompt and satisfactory compliance of the condition/observation of the Advisory Committee and Central Appraising Agencies by the State Government. Irrigation being a State subject, the onus lies on the State Governments to get the irrigation projects for development of the State cleared, as per their own priorities.

Flood control

1783. PROF. (SHRIMATI) BHARATI RAY: Will the Minister of WATER RESOURCES be pleased to state:

(a) the total flood and drought prone areas in the country in each plan period from First to Ninth Five Year Plan, State-wise; and

(b) whether dams on the rivers are causing dryness/silting of all river beds thereby causing floods; and

(c) if so, what steps Government propose to take in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) Rashtriya Barh Ayog assessed the area liable to floods as 40 million ha. in

India. State-wise break up of area liable to floods is given at Statement I. (*See* below).The details of State-wise area affected by floods during each Plan is also given at Statement II (*See* below). As regards droughts, an area development programme named Drought Prone Areas Programme (DPAP) is in operation since 1973-74 through the Ministry of Rural Development. Prior to 1.4.95, 627 blocks in 96 districts covering an area of 5.53 lakh sq. kms. was identified for coverage of the Drought Prone Areas Programme (DPAP). The Programme was reviewed in 1994 by a High Level Technical Committee headed by Prof. C.H. Hanumantha Rao, Ex-Member, Planning Commission. Based on the recommendations of this Committee, 164 districts covering 947 blocks in 13 States with a total geographical area of 7.46 lakh sq. kms. were identified. With the re-organisation of States and Districts there are now 183 districts covering 971 blocks in 16 States. This increased coverage is affective from 1.4.95. The details are given in Statement-III.

(b) No, Sir.

(c) Does not arise.

Statement-I

Area Liable to Floods in the Country

Sl. No.	Name of State	Area liable to floods (in lakh ha.)
1.	Andhra Pradesh	13.9
2.	Assam	31.5
3.	Bihar	42.6
4.	Gujarat	13.9

Sl. No.	Name of State	Area liable to floods (in lakh ha.)
5.	Haryana	23.5
6.	Himachal Pradesh	2.3
7.	J & K	0.8
8.	Karnataka	0.2
9.	Kerala	8.7
10.	Madhya Pradesh	2.6
11.	Maharashtra	2.3
12.	Manipur	0.8
13.	Meghalaya	0.2
14.	Orissa	14.0
15.	Punjab	37.0
16.	Rajasthan	32.6
17.	Tamil Nadu	4.5
18.	Tripura	3.3
19.	Uttar Pradesh	73.36
20.	West Bengal	26.5
21.	Delhi	0.5
22.	Pondicherry	0.1
	Total:	335.16 (Say 34 million ha.)

Flood prone area as per data from States for period 1953-78	34 million ha.
Area protected till then (1978)	10 million ha.
Total	44 million ha.
Area flooded due to failure of protection works which might have been added in the reported flooded area (assumed) (−)	4 million ha.
Total Flood Prone Area in the country	40 million ha.

Statement-II

Statement showing flood affected area in various States (Plan-wise)

(in million lac)

Sl. No.	Name of States/ U.T.s	First Plan 1953-56	Second Plan 1956-61	Third Plan 1961-66	Annual Plan 1966-69	Fourth Plan 1969-74	Fifth Plan 1974-78	Annual Plan 1978-80	Sixth Plan 1980-85	Seventh Plan 1985-90	Annual Plan 1990-92	Eighth Plan 1992-97	Ninth Plan 1997-02
1.	Andhra Pradesh	0.070	1.590	0.390	0.110	0.360	1.008	0.560	1.214	5.232	0.022	1.585	2.037
2.	Arunachal Pradesh	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.034	0.000	0.201	0.005
3.	Assam	4.640	3.760	3.750	2.450	5.740	2.800	0.980	4.480	7.150	1.488	3.234	3.352
4.	Bihar	5.240	4.350	4.200	3.510	7.110	9.590	3.180	8.630	8.230	1.850	3.207	6.543
5.	Goa	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6.	Gujarat	0.000	1.740	0.370	0.170	2.150	2.180	0.740	2.000	2.073	0.672	2.915	0.000
7.	Haryana	0.130	0.780	1.210	0.750	0.540	1.770	0.720	0.730	0.975	0.087	0.718	0.010
8.	Himachal Pradesh	0.000	0.230	0.000	0.000	0.140	0.040	0.090	0.120	0.820	0.000	1.533	0.815
9.	Jammu & Kashmir	0.050	0.130	0.000	0.020	0.030	0.030	0.000	0.000	0.664	0.000	0.381	0.017
10.	Karnataka	0.000	0.000	0.030	0.000	0.040	0.000	0.200	0.380	0.940	0.276	0.500	0.019

11.	Kerala	0.000	0.310	0.200	0.870	0.190	1.000	0.210	0.720	1.830	1.279	0.802	0.575
12.	Madhya Pradesh	0.290	0.200	0.110	0.050	0.160	0.110	0.160	0.100	0.180	0.051	0.391	0.111
13.	Maharashtra	0.000	0.340	0.220	0.020	0.250	0.090	0.200	0.020	0.380	0.271	0.127	0.054
14.	Manipur	0.000	0.010	0.020	0.080	0.080	0.030	0.000	0.150	0.177	0.000	0.000	0.000
15.	Meghalaya	0.000	0.000	0.000	0.000	0.010	0.020	0.000	0.000	0.135	0.003	0.019	0.000
16.	Mizoram	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.410	0.002
17.	Nagaland	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.008	0.000	0.009	0.000
18.	Orissa	0.660	2.960	1.540	1.760	4.120	1.010	0.710	2.570	2.299	1.875	0.735	2.112
19.	Punjab	0.930	1.750	2.830	0.350	0.370	0.470	0.150	0.110	3.700	0.004	1.154	0.137
20.	Rajasthan	0.000	0.080	0.160	0.590	2.270	3.640	2.350	0.960	0.760	1.799	1.946	0.182
21.	Sikkim	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.040	0.010	0.000	0.000	0.000
22.	Tamil Nadu	0.000	0.040	0.560	0.000	0.460	0.340	0.040	0.244	0.004	0.000	0.245	0.001
23.	Tripura	0.020	0.070	0.410	0.240	0.240	0.100	0.010	0.150	0.033	0.000	0.053	0.000
24.	Uttar Pradesh	6.390	9.700	5.750	4.750	13.510	8.460	8.040	19.900	9.853	3.019	5.528	4.299
25.	West Bengal	0.770	5.570	0.670	3.240	5.910	3.430	3.100	3.500	4.611	2.947	1.523	5.579
26.	Delhi	0.030	0.050	0.110	0.050	0.010	0.060	0.070	0.020	0.000	0.000	0.058	0.000

Statement-III

States, Districts and Blocks Covered Under Drought Prone Areas Programme (DPAP)

Sl. No.	State	No. of Districts	No. of Blocks	Area in Sq. Kms.
1.	Andhra Pradesh	11	94	99218
2.	Bihar	6	30	9533
3.	Chhattisgarh	8	29	21801
4.	Gujarat	14	67	43938
5.	Himachal Pradesh	3	10	3319
6.	Jammu & Kashmir	2	22	14705
7.	Jharkhand	14	100	34843
8.	Karnataka	15	81	84332
9.	Madhya Pradesh	23	105	89101
10.	Maharashtra	25	148	194473
11.	Orissa	8	47	26178
12.	Rajasthan	11	32	31969
13.	Tamil Nadu	17	80	24916
14.	Uttar Pradesh	15	60	35698
15.	Uttaranchal	7	30	15796
16.	West Bengal	4	36	11594
	Total:	183	971	745914